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Project No. C 1412/63					
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Declass Review by NGA

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PID/IB - 306/63
4 November 1963
Copy No. 3

MEMORANDUM FOR: Chief, Manufacturing and Service Division, ORN

ATTENTION :
FROM : Chief, CIA/PID(NPIC)
SUBJECT : Arsenal Study - Chi-Chi-ha-erh (Tsi-Tsi-ha-erh) and
Fu-la-erh-chi
REFERENCE : Requirement No. C-RR3-80,522/63 (Revision)
Project No. C1412/63

1. This memorandum is in partial response to the referenced requirement which asks for a detailed analysis of arsenals in Chi-chi-ha-erh and Fu-la-erh-chi, including level of activity and expansion since 1960.

2. One arsenal and a probable arsenal have been located in Chi-chi-ha-erh on . Following are detailed analysis of the arsenals with accompanying annotated photo enlargements as well as information on other significant industries in Chi-chi-ha-erh which could be oriented toward arms production.

3. The Chi-chi-ha-erh Arsenal (Probably No. 33 or 127) See enclosure CIA/PID/IB - P-674/63. This plant, located approximately 2,300 feet west of the south end of Chi-chi-ha-erh Railroad Yards and Shops, at 47 20N - 123 59E, contains facilities for a wide range of armaments, especially cast items such as grenades and projectiles. It definitely appears to be a Soviet Aid plant, constructed within the last 10 years or so. The gas plant (7) supplies fuel gas to various furnaces in the plant. Building number 12 contains a forge in the tall section (185 by 65 feet). There are numerous probable foundries and a storage area for foundry sand. The annotated enlargement provides identification of the major buildings. The total roof cover of the production buildings is 1,208,075 square feet.

The level of manufacturing activity at the time of coverage appears to be very low. Only three coal cars, two box cars and five vehicles were observed. A limited number of personnel were seen throughout the plant. Smoke was being dispersed from only one stack (on the probable foundry item 13) in the entire plant. Foundry sand, coal, crates, parts and unidentified raw material are stored in the open.

4. Probable Arsenal. This plant is located on the north edge of Chi-chi-ha-erh at approximately 47 22N - 123 58E. The area is a combination of old and new facilities and converted barracks; furthermore, there may be more than one numbered arsenal

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present. See CIA/PID/IB 675 and 676/63. Reference should be made to Urban Intelligence Brief, Chi-chi-ha-erh, China, SAO - PG-330-2-63 which refers to this area as Ammunition and Explosive Storage, Chi-chi-ha-erh Ordnance Depot [redacted] and a Storage Area. This referenced report is TOP SECRET [redacted]

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This plant, on area, consists of at least five separate sections: A. Unidentified explosive section, B. Ammunition storage section, C. Explosive storage section, D. Probable shell loading section and E. Probable shell casing manufacturing and ordnance repair section.

(A) Unidentified explosive section. Although this section contains numerous occupied and unoccupied revetments, there are several new groups of buildings added to the area which are unrelated to its explosive nature. At the present it can not be determined what activity is being conducted here. However, the lack of clearly defined track activity in the larger revetment and the poor condition of the road leading to the ammunition storage section indicates that this section is not currently engaged in production using explosives. The fence enclosing this section could not be traced all the way.

(B) Ammunition storage section. Two roads serve this storage area; one, is mentioned in the above paragraph and the other goes to the adjacent explosive storage section and provides access to the probable shell loading section. One rail spur also serves the area. There are 55 revetted storage buildings (each measuring 115 by 35 feet), 2 new warehouses and one underconstruction (each measuring 195 by 55 feet), one transshipment warehouse (345 by 35 feet) and several administration buildings in this section.

(C) Explosive storage section. Although three of the nine revetments are unoccupied, the area is well maintained and looks as if it currently is in use.

(D) Probable shell loading section. There are 10 revetted buildings; three large and numerous small unrevetted buildings and a boilerhouse in this section. The boilerhouse is not in operation and no vehicles or personnel were observed; however, the area was well maintained. Heavy tree cover provides additional blast protection.

(E) Probable shell casing manufacturing and ordnance repair section. A variety of buildings occupy this section including machine shops/workshops, warehouses, boilerhouses and converted barracks. The largest building, a machine shop/workshop (515 by 195 feet with an attached section 435 by 45 feet) appears to be newly constructed and probably has not been placed in operation. There are several vehicles in the vicinity of the garage; however, production activity in this section appears to be stopped. This section also has adequate shops for repair and maintenance of military equipment.

5. Within Chi-chi-ha-erh there are at least three industries which could be converted to weapons or armaments. The large Chi-chi-ha-erh Railroad Car Manufacturing and Repair Plant [redacted] with its large foundry and heavy fabrication buildings are probably capable of being converted to tank production or heavy weapons. There are also two machine building plants in the city which probably

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could be converted to production of small arms or even light artillery.

6. The photo analyst on this project was [] who may be contacted on extension [] should you have further questions regarding this project. This memo is in partial answer to the referenced requirement. The information on the arsenal at Fu-la-erh-chi will be forthcoming.

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ENCLOSURES:

CIA/PID/IB -P-674/63

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